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AMERICAN UNIVERSITY BEIRUT

MONTHLY BULLETIN

METEOROLOGICAL SECTION

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

SEPTEMBER 1956

Printed at the American Press.

SEPTEMBER 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.5	57.6	57.3	57.8	32.4	25.7	30.2	31.8	27.5	29.8
2	57.0	55.8	55.5	56.1	32.7	25.6	29.3	31.4	27.2	29.3
3	54.5	52.7	52.7	53.3	33.0	26.3	30.0	31.3	27.9	29.7
4	52.7	52.2	53.1	52.7	33.7	25.9	30.0	33.4	28.0	30.5
5	54.8	55.5	56.4	55.6	33.0	25.5	29.4	31.9	27.8	29.7
6	57.7	58.1	58.8	58.2	32.7	24.2	29.1	32.3	26.8	29.4
7	58.9	58.3	58.4	58.5	31.8	23.8	28.4	31.3	26.1	28.6
8	57.8	56.6	56.6	57.0	31.9	23.4	28.3	31.2	25.9	28.5
9	56.4	56.3	56.9	56.5	32.2	24.1	27.9	31.8	26.3	28.7
10	56.5	56.3	56.5	56.4	32.2	23.9	28.5	31.3	26.3	28.7
11	56.5	55.7	56.3	56.2	31.4	23.6	28.5	30.9	25.7	28.4
12	56.5	55.2	55.3	55.5	31.8	23.6	27.8	31.5	26.1	28.5
13	54.0	53.5	54.0	53.8	32.2	25.2	28.3	32.1	26.8	29.1
14	54.7	54.9	55.4	55.0	32.3	24.8	28.9	31.9	26.8	29.2
15	55.0	55.6	57.6	56.1	32.4	24.3	29.4	31.4	26.4	29.1
16	58.1	57.7	58.0	57.9	31.6	24.2	27.8	31.1	26.3	28.4
17	57.6	56.5	56.7	56.9	30.7	25.5	28.0	29.6	26.4	28.0
18	56.4	56.2	57.9	56.8	29.3	22.6	28.0	28.7	26.7	27.8
19	58.3	57.7	58.6	58.2	28.1	22.4	23.9	27.8	24.2	25.3
20	58.7	57.5	58.1	58.1	29.7	22.5	24.8	28.8	24.2	25.9
21	59.0	59.0	59.2	59.1	29.4	22.0	27.2	28.3	25.2	26.9
22	59.7	58.9	58.7	59.1	28.5	22.5	25.9	27.6	25.0	26.2
23	58.4	56.5	56.5	57.1	30.2	22.3	25.9	29.5	25.1	26.8
24	56.3	55.8	56.4	56.2	29.2	21.6	26.9	28.9	23.5	26.4
25	58.0	57.8	58.9	58.2	29.1	22.2	26.3	28.7	24.9	26.6
26	59.0	59.0	59.5	59.2	29.3	21.9	26.5	28.6	24.7	26.6
27	60.9	60.2	60.7	60.6	28.3	22.3	26.1	27.8	24.2	26.0
28	61.1	60.7	60.7	60.8	28.7	22.1	25.0	28.3	24.0	25.7
29	60.0	59.0	59.5	59.5	30.6	23.8	26.9	29.9	25.6	27.5
30	59.8	59.0	58.7	59.2	31.2	23.1	27.7	30.6	25.6	28.0
31										
	57.43	56.86	57.30	57.19	30.99	23.70	27.70	30.32	25.91	27.98

Barometer, range for month 761.1 mm. — 752.2 mm.
„ 71-yr. average for month 758.74 mm.
Thermometer, range for month 33.7°C — 21.6°C
„ 71-yr. average for month 27.21°C
Rain total for month 4.07 mm.
„ 71-yrs average for month 6.19 mm.
„ Total, Sept. 1st. to end of month 4.07 mm.
„ 71-yrs. average. Sept. 1st. to end of month 6.19 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	29.2	31.8	29.9	30.3	69	69	83	74	9.7	338.0	
2	30.4	31.0	29.2	30.2	73	65	81	73	9.3	224.0	
3	29.2	29.1	25.8	28.0	69	65	69	68	9.7	256.0	
4	28.4	28.1	25.8	27.4	67	55	69	64	9.0	174.0	
5	28.9	26.3	25.1	26.8	70	56	67	64	8 3	180.0	
6	27.1	26.7	26.0	26.6	67	56	75	66	9.0	311.0	
7	25.4	24.6	25.1	25.0	66	55	73	65	9.6	280.0	
8	24.7	25.3	25.1	25.0	64	55	73	64	9.4	266.0	
9	25.8	27.1	26.5	26.5	70	59	79	69	9.6	175.0	
10	26.8	27.6	27.9	27.4	70	57	82	70	9.8	193.0	
11	23.3	26.1	25.5	25.0	61	58	78	66	9.4	196.0	
12	25.8	27.9	27.2	27.0	70	59	80	70	9.5	349.0	
13	25.4	25.2	24.6	25.1	66	53	71	63	9.7	592.0	
14	22.8	27.9	28.2	26.3	58	59	80	66	9.4	406.0	
15	28.1	27.9	22.4	26.1	69	60	66	65	9.1	373.0	
16	22.4	23.9	22.4	22.9	60	53	66	60	8.8	389.0	
17	18.4	18.4	20.4	19.1	49	45	62	52	8.7	806.0	
18	18.4	22.8	20.6	20.6	49	58	59	55	9.3	711.0	
19	26.8	21.0	19.8	22.5	91	57	65	71	5.3	309.0	3.56
20	18.2	22.2	20.3	20.2	57	56	69	61	8.6	246.0	0.51
21	22.1	17.4	18.2	19.2	60	45	59	55	9.6	713.0	
22	14.3	13.5	15.7	14.5	42	37	50	43	9.9	896.0	
23	14.9	17.1	16.9	16.3	44	42	55	47	10.0	348.0	
24	16.2	19.5	18.9	18.2	47	49	67	54	9.9	269.0	
25	13.7	13.8	17.5	15.0	41	35	55	44	9.5	602.0	
26	21.9	16.1	18.6	18.9	62	42	61	55	9.5	637.0	
27	17.3	15.9	16.6	16.6	50	43	57	50	9.5	513.0	
28	15.2	19.3	20.3	18.3	48	50	70	56	9.5	484.0	
29	20.0	25.5	24.1	23.2	57	60	75	64	9.5	275.0	
30	15.0	21.5	18.9	18.5	40	49	58	49	9.5	203.0	
31											
	22.54	23.35	22.78	22.89	60.2	53.4	68.5	60.8	9.25	390.47	0.14

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	8st	0	10st	6.0	1ne	2ne	1ne	light	
2	9st	0	0	3.0	1sw	1n	1n	,,	H. a.m. p.m
3	0	0	0	0.0	1sw	1n	1n	,,	H. p.m
4	0	0	0	0.0	1sw	1sw	1sw	,,	
5	8cu-st	6cu-st	0	4.7	1sw	1w	0	,,	
6	0	0	0	0.0	2sw	2sw	1w	light	
7	3cu-st	1cu-st	0	1.3	1sw	1 w	1w	,,	
8	2cu-st	3cu-st	3st	2.7	1sw	1sw	1sw	,,	
9	0	0	0	0.0	1sw	1sw	1sw	,,	
10	0	0	0	0.0	1sw	1w	1nw	,,	D.p.m
11	0	7cu-st	6st	4.3	1sw	1w	1nw	light	
12	0	0	0	0.0	1sw	1sw	1sw	,,	D. p.m
13	0	0	0	0.0	3sw	2sw	2w	,,	
14	0	0	0	0.0	3sw	3sw	1sw	,,	D.p.m
15	0	9cu-st	2cu-st	3.7	1w	2sw	2w	,,	H.a.m
16	6cu-st	3cu-st	9cu-st	6.0	1sw	1sw	3ne	light	
17	0	0	0	0.0	3n	3ne	3ne	,,	
18	0	0	9st	3.0	4ne	3ne	2ne	slight	
19	10ni	10cu-st	10st	10.0	1se	2sw	1sw	light	
20	9cu-st	1cu-st	4cu-st	4.7	2sw	1w	1nw	,,	
21	1cu	0	0	0.3	1ne	3ne	4ne	light	
22	0	0	0	0.0	2n	3ne	3ne	,,	
23	0	0	0	0.0	1ne	1ne	1ne	,,	
24	0	0	0	0.0	1ne	1n	1n	,,	
25	0	0	0	0.0	1e	2ne	3ne	,,	
26	0	0	0	0.0	1sw	3ne	3ne	light	
27	0	0	0	0.0	1e	2ne	2ne	,,	
28	0	0	0	0.0	1n	2ne	2 e	,,	
29	0	0	0	0.0	2ne	1ne	0	,,	
30	0	0	0	0.0	0	1ne	1ne	,,	
31									
	mean			1.66					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	3	6	2	1	0	16	1	0	1	30
14:30	3	12	0	0	0	10	5	0	0	30
20:30	3	12	0	0	0	6	4	3	2	30
Total	9	30	2	1	0	32	10	3	3	90

Number of days with rain 2, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 1.13